

81 copying by polymerase chain reaction a source repertoire of sequences, each sequence in said source repertoire of sequences comprising an immunoglobulin V gene, using (i) a forward primer specific for a sequence at or adjacent to the 3' end of the sense strand of each [sequence of said repertoire of sequences] immunoglobulin V gene or specific for an immunoglobulin sequence downstream of said V gene, and (ii) a back primer specific for a sequence within and at or adjacent to the 3' end of the antisense strand of each immunoglobulin V gene, and

inserting said amplified sequences into a vector such that said desired repertoire of sequences is obtained.

Please add the following new claim 66.

82 -- 66. A method according to claim 33 wherein said source repertoire of sequences comprises unrearranged VH genes, the forward primer is specific for the N-terminal end of the third framework region of an immunoglobulin heavy chain and the back primer is specific for a sequence adjacent to the 3' end of the antisense strand of each immunoglobulin V gene; wherein said sequences copied by said polymerase chain reaction are cloned into a vector between the N-terminal end of an immunoglobulin gene first framework region and the C-terminal end of a third framework region, a third CDR and fourth framework region of an immunoglobulin gene.